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Damodar

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(54) **FLAT-TO-HEEL CONVERTIBLE OUTSOLE**

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(51) **Int. Cl.**
A43B 3/24 (2006.01)
A43B 21/36 (2006.01)

(52) **U.S. Cl.**
CPC ***A43B 3/246*** (2013.01); ***A43B 21/36*** (2013.01)

(58) **Field of Classification Search**
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USPC ..... 36/42, 36 R, 41
See application file for complete search history.

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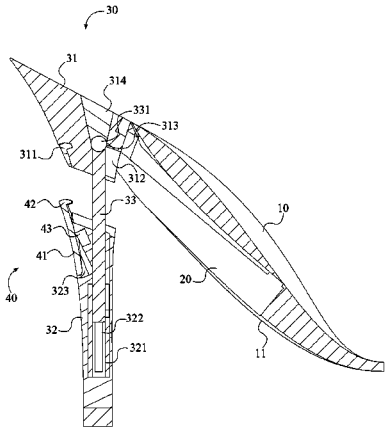
Primary Examiner — Khoa Huynh
Assistant Examiner — Jocelyn Wu

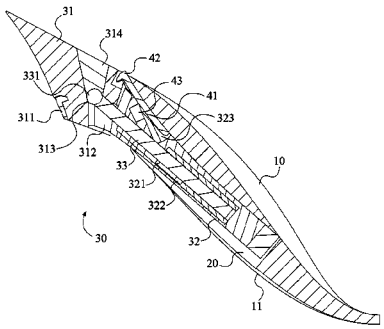
(57) **ABSTRACT**

A flat-to-heel convertible outsole allows a user to transition from a flat-bottom, low-wedge shoe style to a high-heel shoe style. A collapsible heel includes an upper heel, a lower heel, and a heel pin. The upper heal is connected to an arch platform in order to form a single foot supporting structure. The heel pin is hingedly connected to the upper heel, while the lower heel is telescopically connected to the heel pin opposite the upper heel. In this way, the lower heel can be positioned in an extended configuration or a stowed configuration. When in the extended configuration, a locking mechanism connected to the lower heel engages a lock notch of the upper heel in order to secure the lower heel to the upper heel. When in the stowed configuration, the lower heel is positioned within a heel recess that traverses into the arch platform.

18 Claims, 19 Drawing Sheets



SECTION B-B



SECTION D-D

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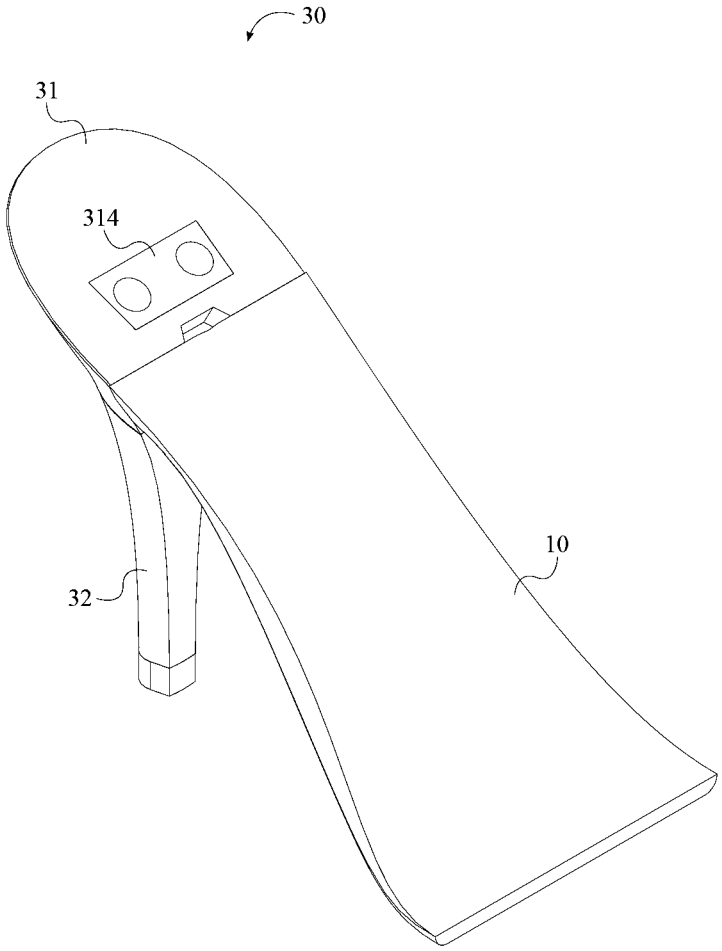


FIG. 1

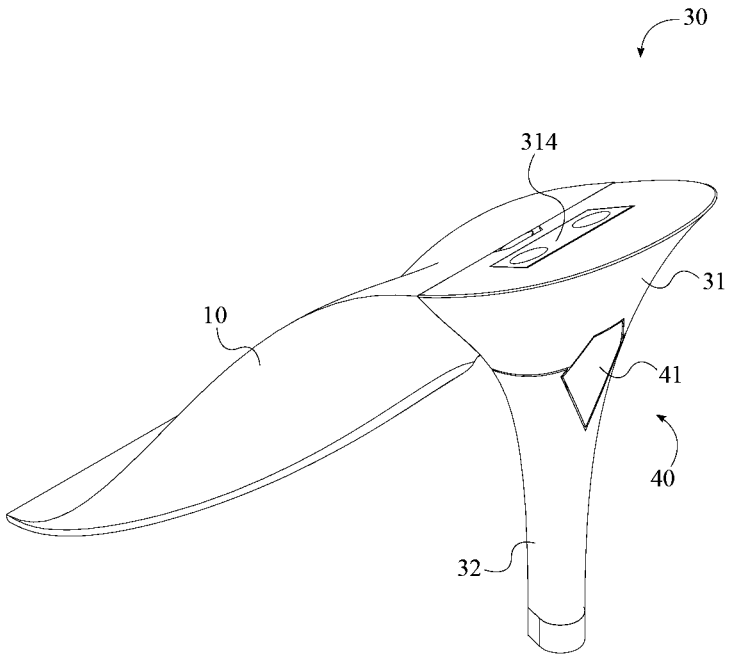


FIG. 2

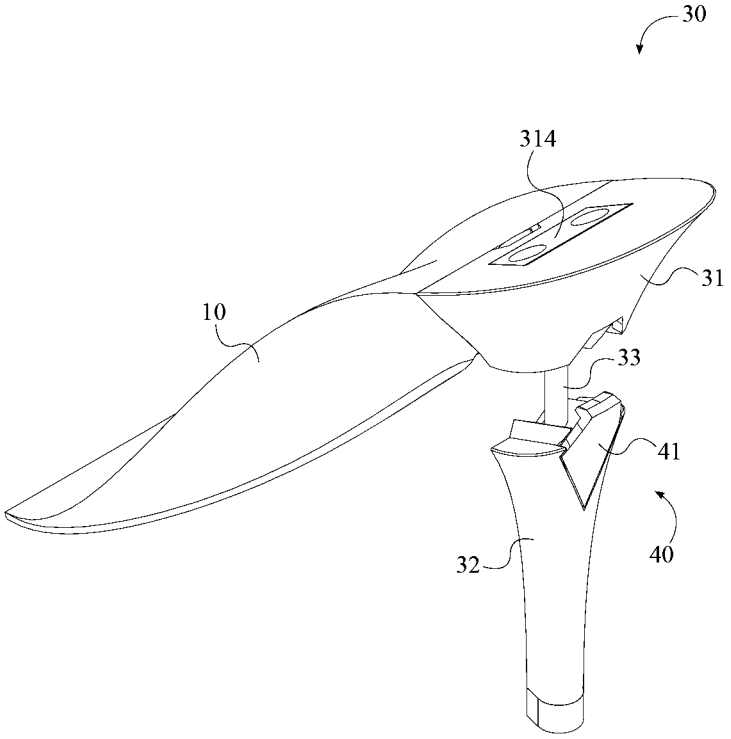


FIG. 3

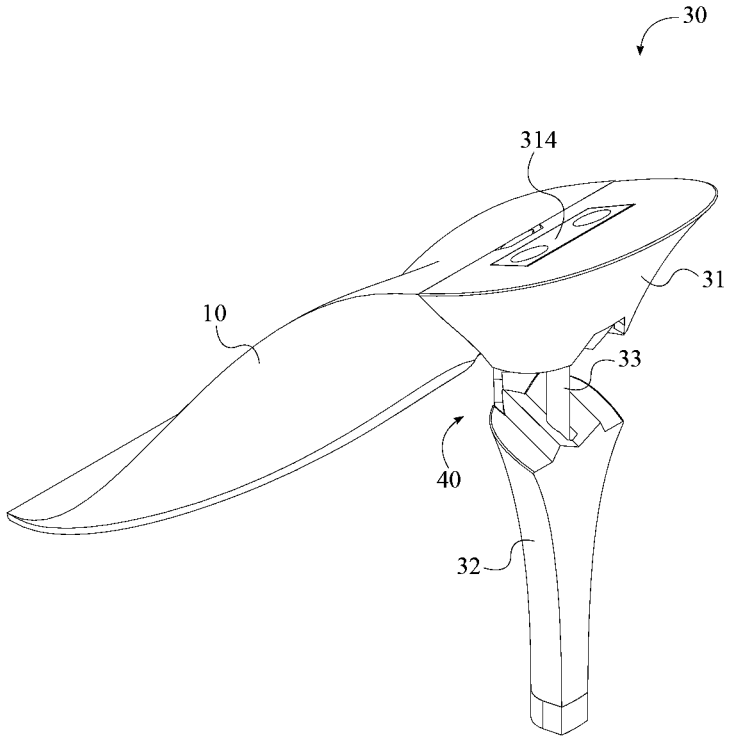


FIG. 4

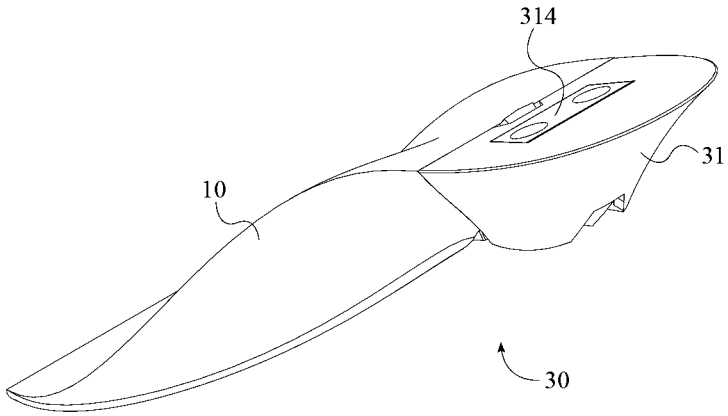


FIG. 5

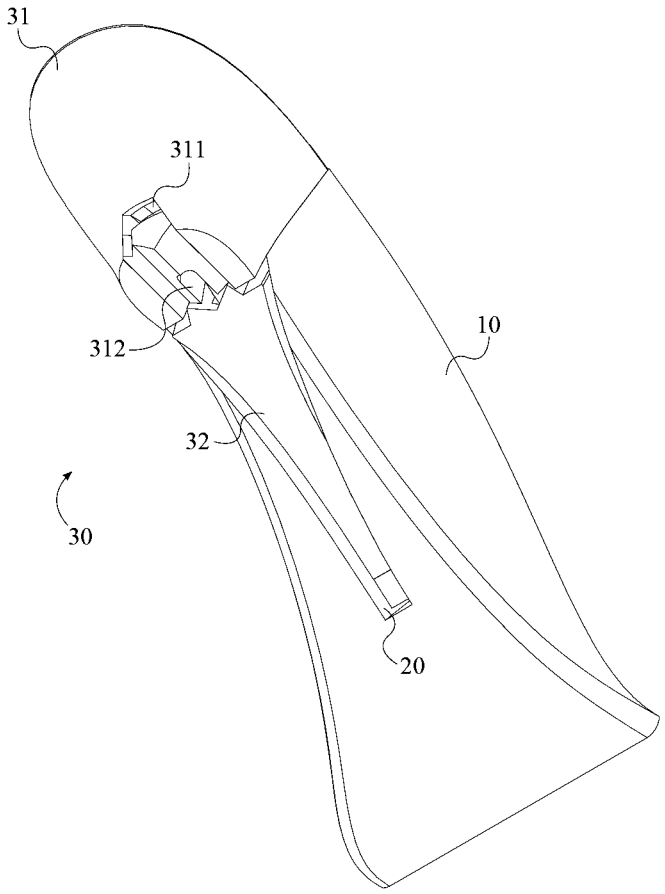


FIG. 6

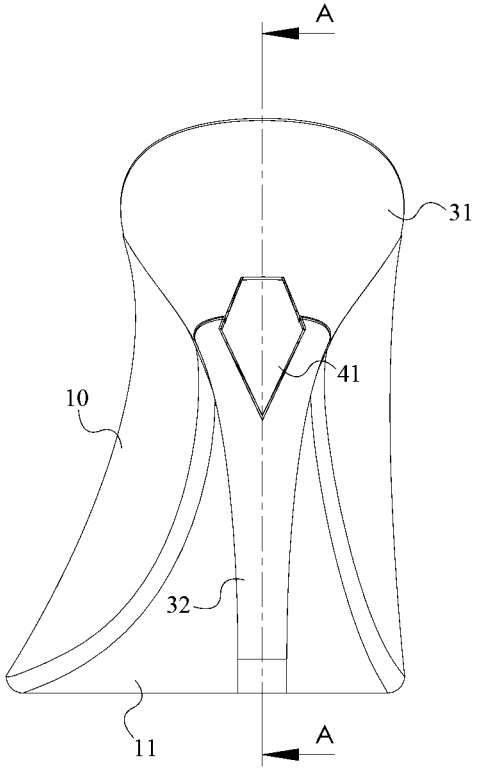
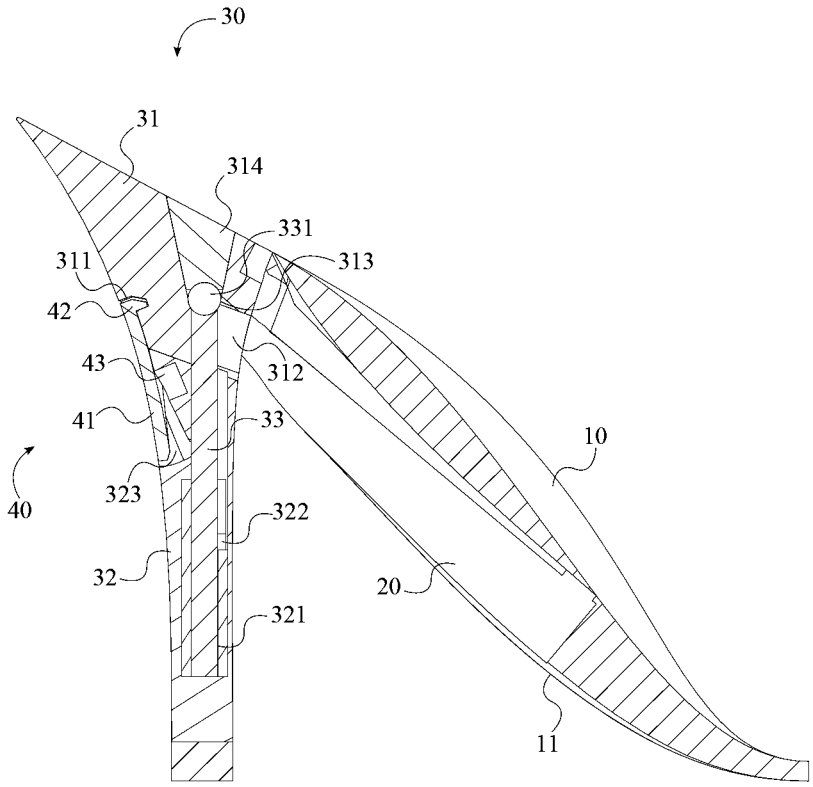


FIG. 7



SECTION A-A

FIG. 8

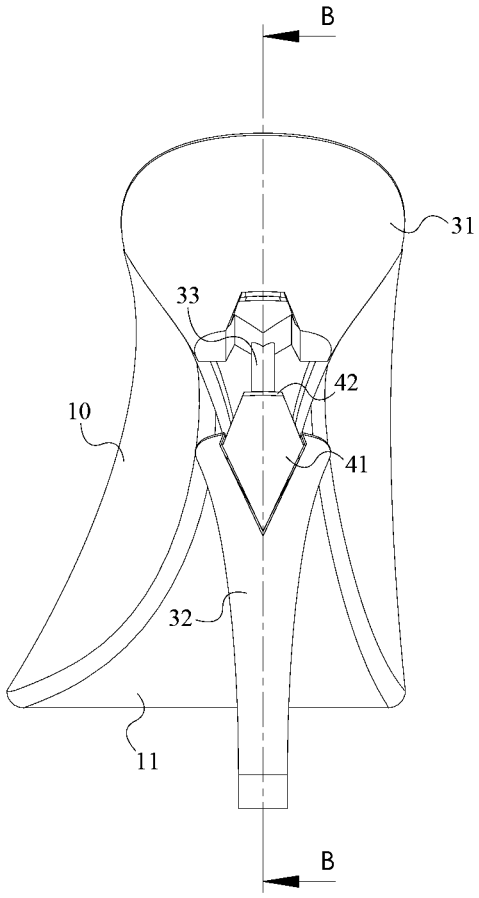
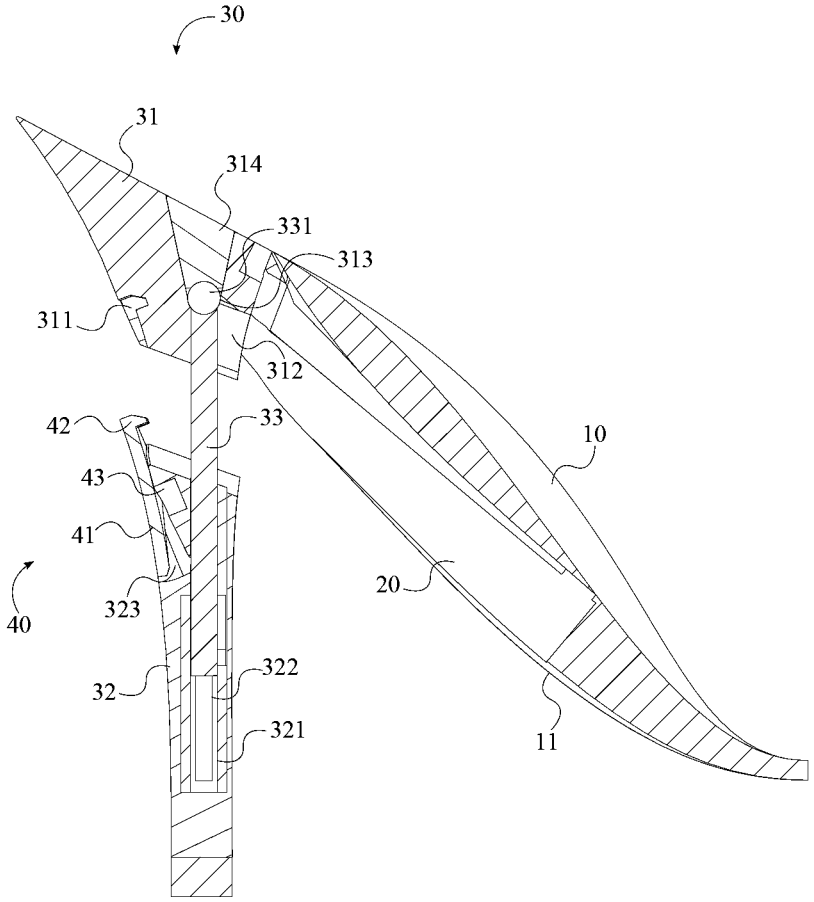


FIG. 9



SECTION B-B

FIG. 10

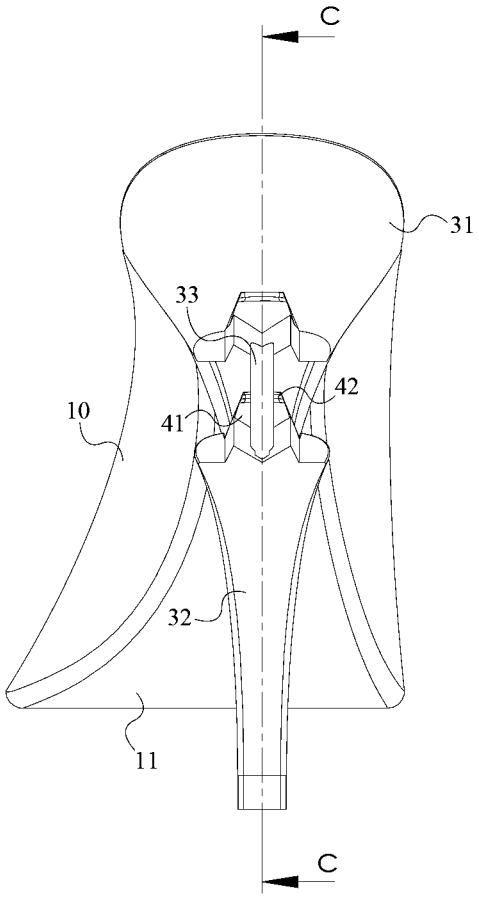
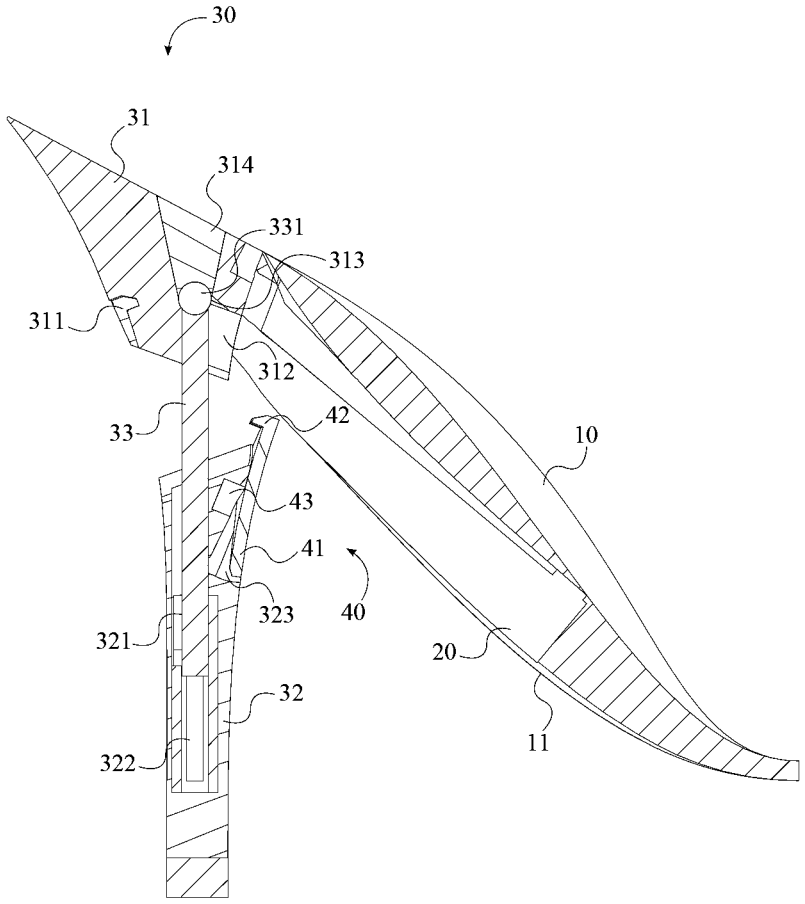


FIG. 11



SECTION C-C

FIG. 12

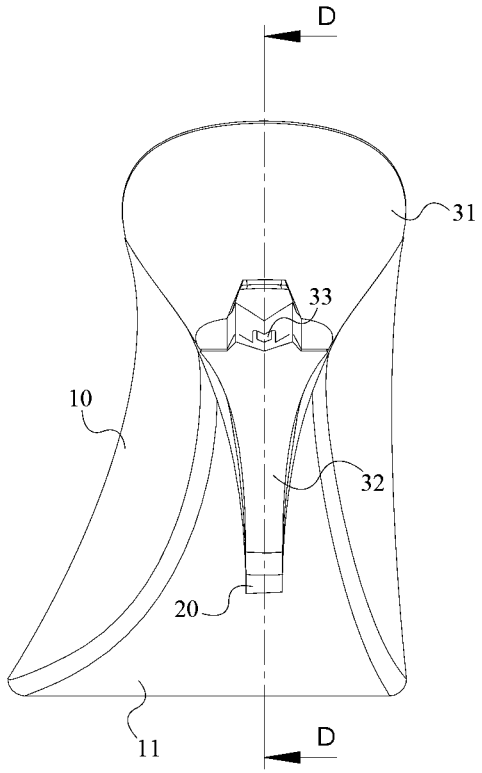
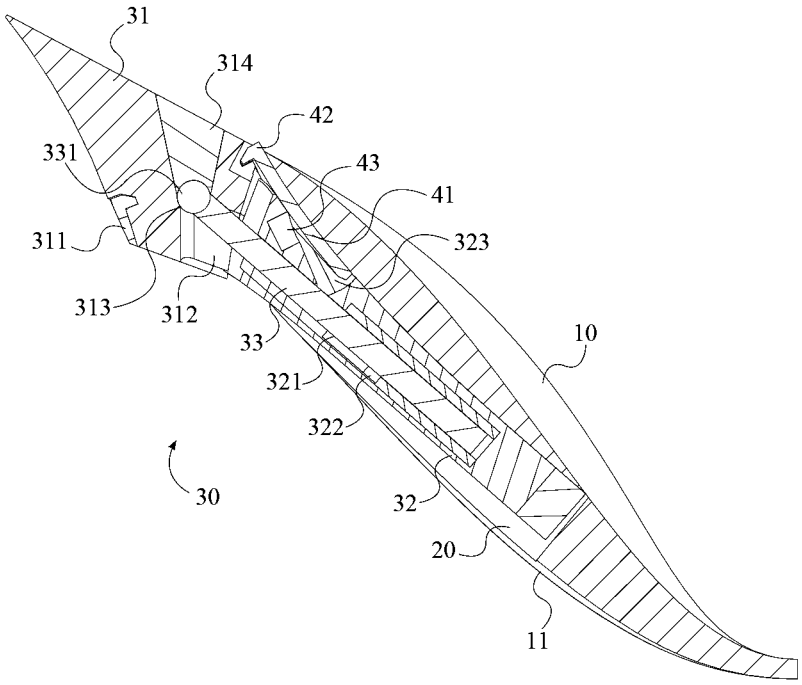


FIG. 13



SECTION D-D

FIG. 14

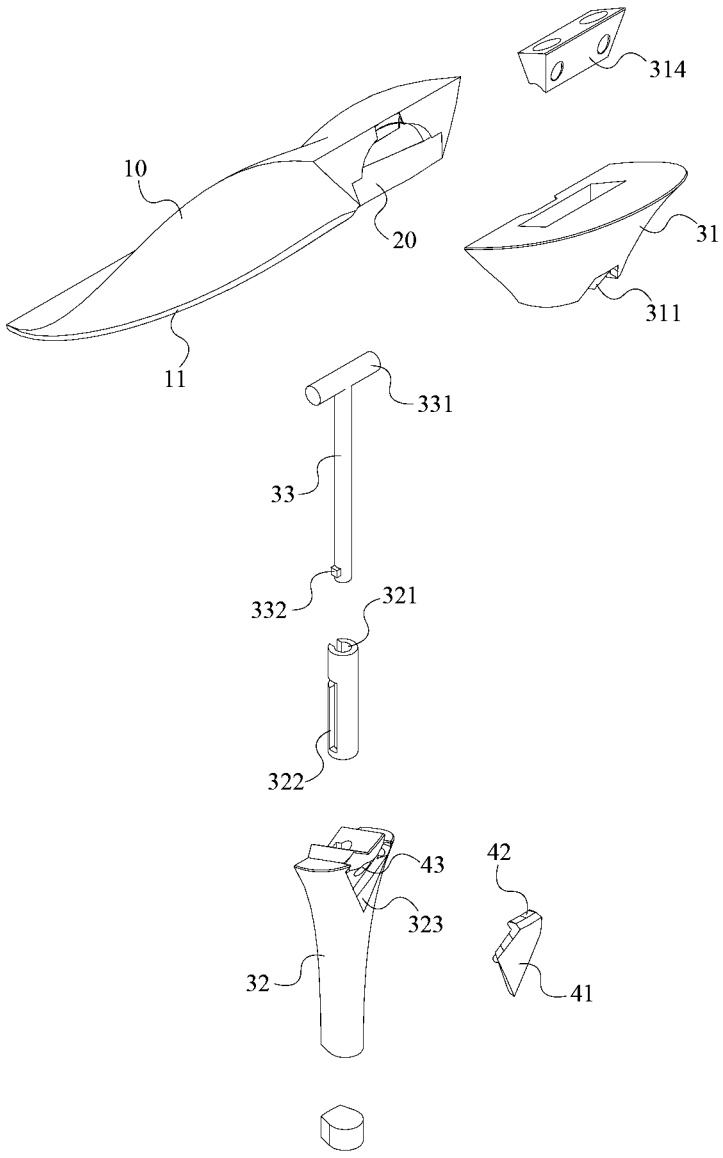


FIG. 15

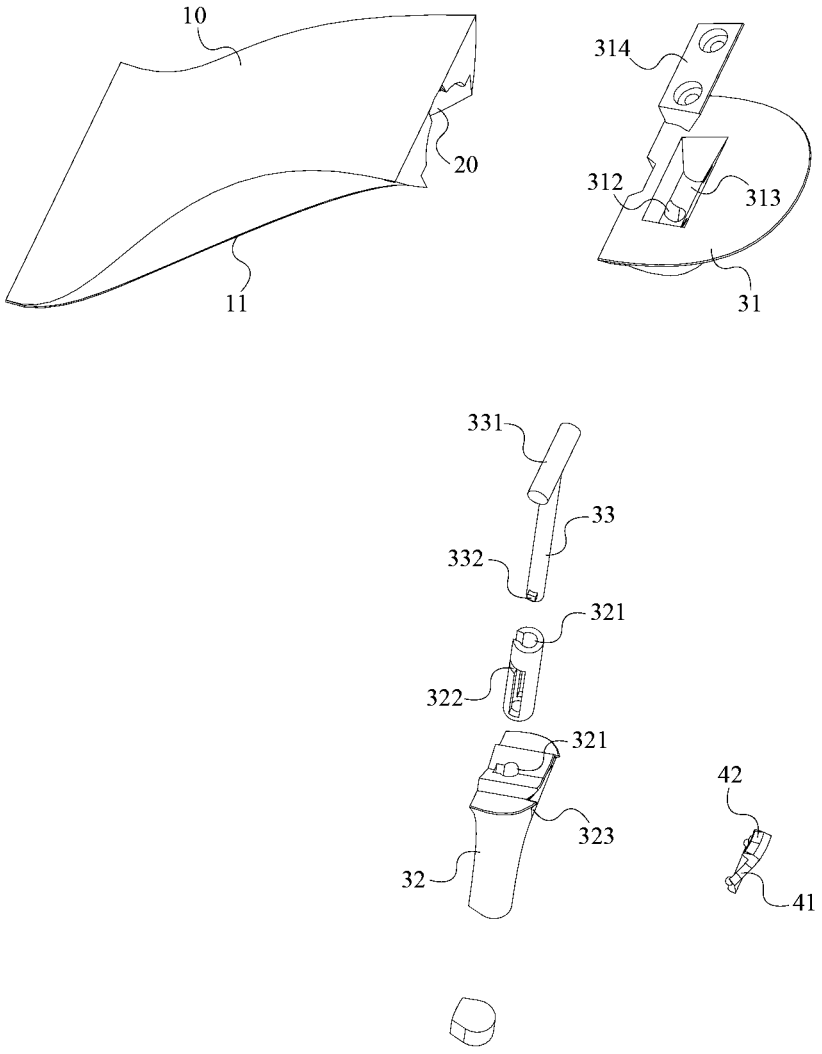


FIG. 16

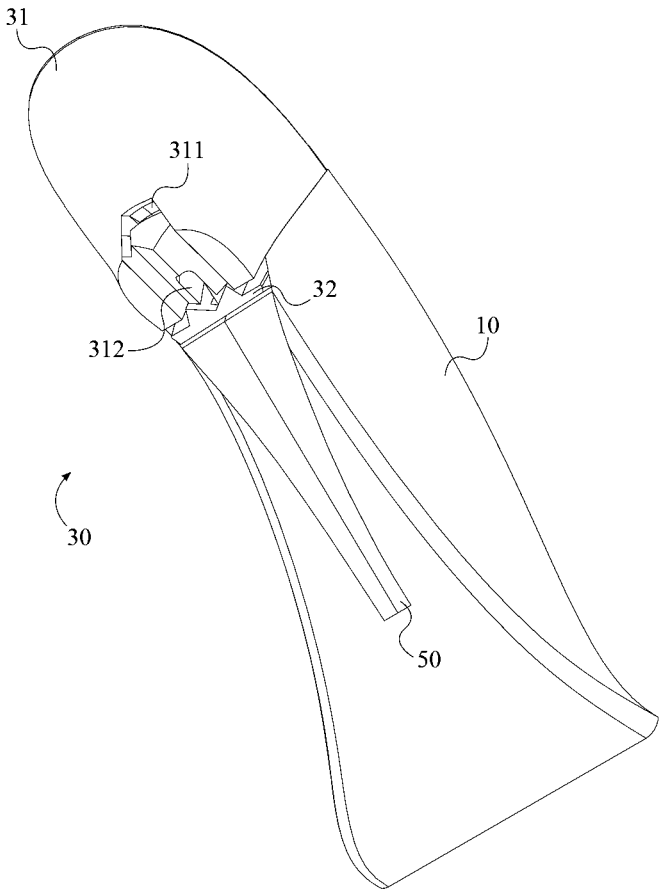


FIG. 17

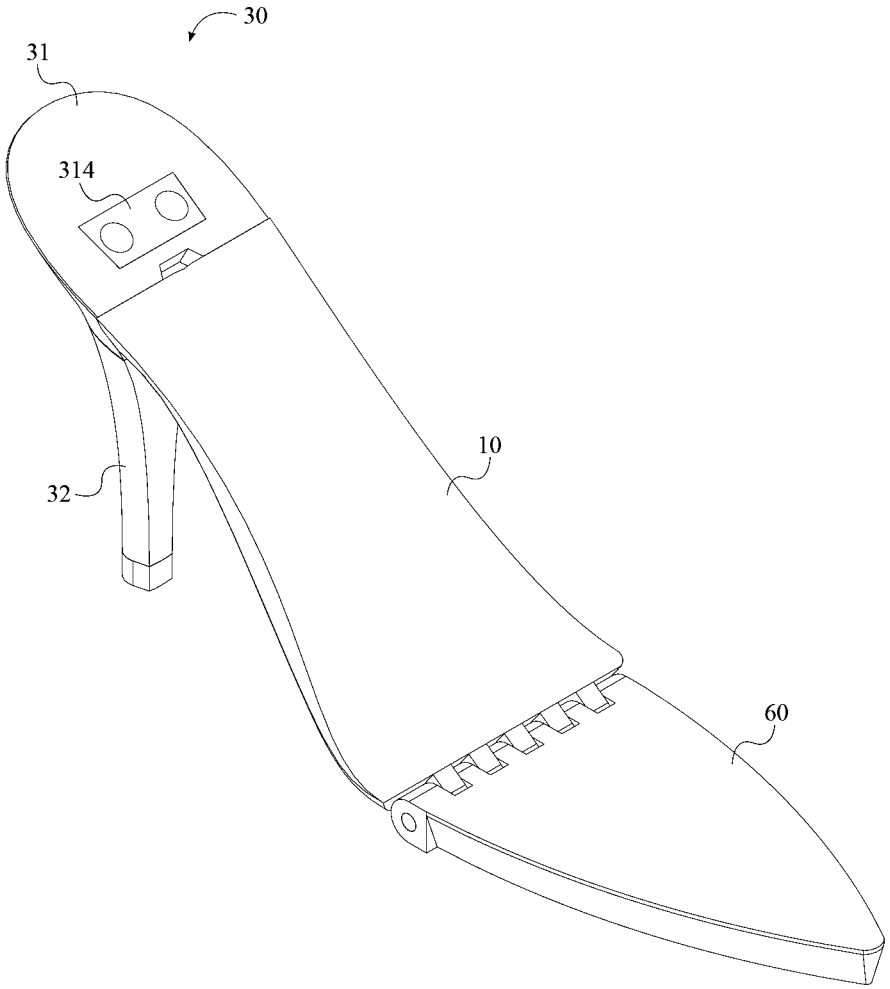


FIG. 18

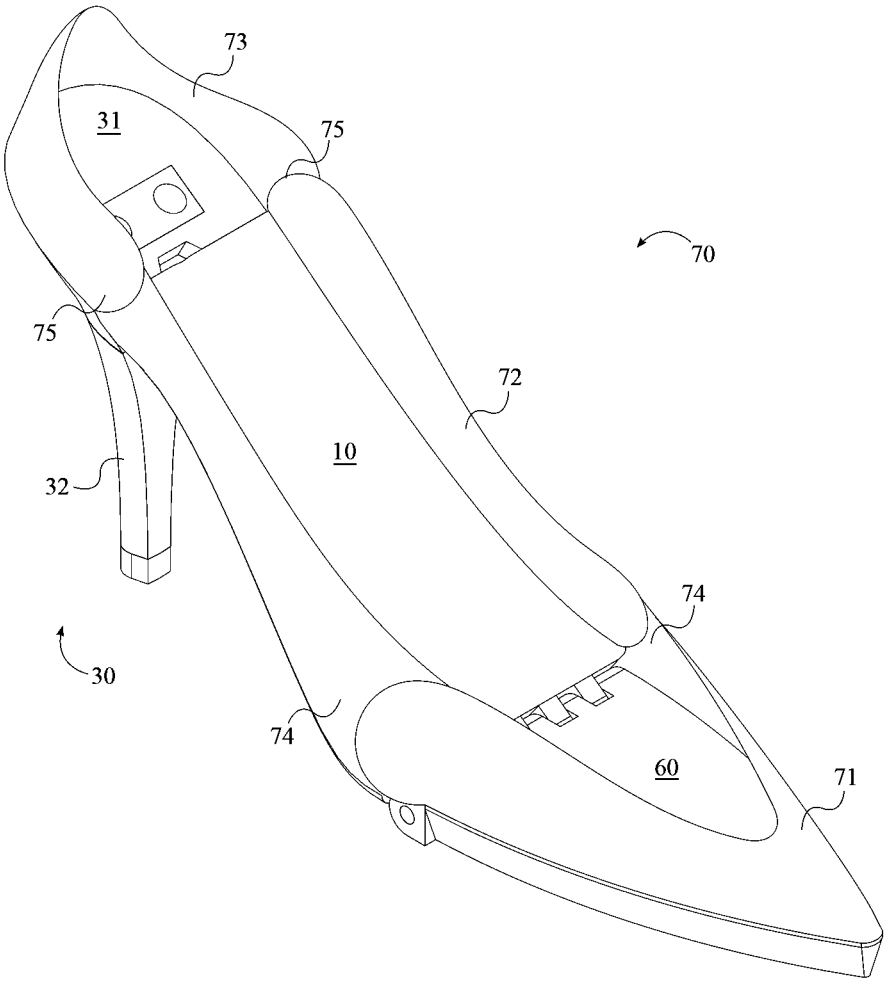


FIG. 19

FLAT-TO-HEEL CONVERTIBLE OUTSOLE

The current application claims a priority to the U.S. Provisional Patent application Ser. No. 61/757,795 filed on Jan. 29, 2013.

FIELD OF THE INVENTION

The present invention relates generally to footwear. More specifically, the present invention is a convertible outsole that is attached to a conventional shoe body. Furthermore, the present invention allows for the transition between a flat-bottom, low-wedge shoe style and a high-heel shoe style through retractable heel portion.

BACKGROUND OF THE INVENTION

Many women favor high-heeled footwear to complement their outfits as the footwear has proven to be fashionable and elegant. Wearing high-heeled footwear provides women with several aesthetic benefits. Women appear taller with their legs appearing longer and more slender when wearing high-heeled footwear. Additionally, wearing high-heeled footwear alters a woman's posture into a form that is generally considered to be more attractive. However, despite its aesthetic appeal and benefits, high-heeled footwear is a leading cause of many podiatric ailments. The positioning of the ankle at a higher height than that of the toes causes great pain in a woman's foot while the increased height and imbalance increases the likelihood of falling and spraining or fracturing the ankle. Additionally, women who frequently wear high-heeled footwear are subject to increased stress in their knees, resulting in problems with the knee joints. The present invention seeks to address the aforementioned issues faced by women who wear high-heeled footwear.

It is therefore the object of the present invention to provide women with a means of enjoying the benefits of wearing high-heeled footwear while wearing a conventional shoe. The present invention is a convertible outsole that is attached to a conventional shoe body. An upper heel is connected to an arch platform in order to form a foot supporting structure. A lower heel is pivotally connected to the upper heel by means of a heel pin positioned within both the upper heel and the lower heel. The lower heel is adjustable between two positions through the heel pin. When in an extended configuration, a locking mechanism connected to the lower heel engages the upper heel in order to lock and secure the lower heel to the upper heel. This allows the present invention to be used as a high-heel style shoe. In a stowed configuration, the lower heel is rotated into a heel recess along the bottom of the arch platform, such that the present invention can be used as a flat-bottom, low-wedge style shoe. The present invention allows women to experience the aesthetic appeal and benefits of wearing high-heeled footwear while providing the option of converting their shoes to conventional flat soled footwear as needed, and thus provides women with greater flexibility when choosing footwear. Additionally, the present invention is capable of greatly reducing foot discomfort and potential injury as women may simply retract the heel insert as necessary and utilize the present invention as a conventional flat soled shoe.

BRIEF DESCRIPTION OF THE DRAWINGS

FIG. **1** is a perspective view of the present invention.

FIG. **2** is a perspective view showing the lower heel in the extended configuration.

FIG. **3** is a perspective view showing the lower heel extended downwards along the heel pin.

FIG. **4** is a perspective view showing the lower heel extended downwards and rotated one hundred eighty degrees.

FIG. **5** is a perspective view showing the lower heel in the stowed configuration.

FIG. **6** is a perspective view showing the lower heel positioned within the heel recess.

FIG. **7** is a rear elevational view showing the lower heel in the extended configuration;

FIG. **8** is a left side sectional view thereof.

FIG. **9** is a rear elevational view showing the lower heel extended downwards along the heel pin;

FIG. **10** is a left side sectional view thereof.

FIG. **11** is a rear elevational view showing the lower heel extended downwards and rotated one hundred eighty degrees;

FIG. **12** is a left side sectional view thereof.

FIG. **13** is a rear elevational view showing the lower heel in the stowed configuration;

FIG. **14** is a left side sectional view thereof.

FIG. **15** is an exploded view of the present invention.

FIG. **16** is a second exploded view of the present invention.

FIG. **17** is a perspective view of the lower heel positioned within the heel recess, behind a heel cover.

FIG. **18** is a perspective view of the present invention having a toe platform.

FIG. **19** is a perspective view of the present invention connected to an upper.

DETAIL DESCRIPTIONS OF THE INVENTION

All illustrations of the drawings are for the purpose of describing selected versions of the present invention and are not intended to limit the scope of the present invention.

The present invention is a flat-to-heel convertible outsole for footwear. The flat-to-heel convertible outsole is connected to a shoe body and allows a user to transition from a flat-bottom, low-wedge shoe style to a high-heel shoe style. The present invention is used in conjunction with an upper in order to form a complete shoe. The upper is shaped to connect around the top perimeter of the present invention and is flexible as to appropriately contour to the user's foot when transitioning between different shoe styles.

In reference to FIGS. **1-2** and FIG. **6**, the flat-to-heel convertible outsole comprises an arch platform **10**, a heel recess **20**, a collapsible heel **30**, and a locking mechanism **40**. The arch platform **10** comprises an outsole bottom surface **11** that is the surface along which the arch platform **10** contacts the ground. As such, the outsole bottom surface **11** may be designed to provide a desired traction. The heel recess **20** traverses through the outsole bottom surface **11** and into the arch platform **10**, thus forming an empty space along the bottom of the arch platform **10**. The heel recess **20** is positioned along the arch platform **10** and is aligned with the collapsible heel **30** such that a portion of the collapsible heel **30** may be enclosed when folded into the heel recess **20**. The upper heel **31** is connected to the arch platform **10** and positioned adjacent to the heel recess **20**; the arch platform **10** supporting the arch portion of the user's foot and the collapsible heel **30** supporting the heel portion of the user's foot.

In reference to FIG. **3-4**, the collapsible heel **30** comprises an upper heel **31**, a lower heel **32**, and a heel pin **33**. The heel pin **33** is hingedly connected to the upper heel **31**, while the lower heel **32** is telescopically attached to the heel pin **33** opposite the upper heel **31**. In this way, the lower heel **32** can be bistably positioned into either an extended configuration or a stowed configuration in order to transition from a high-

heel shoe style to a flat-bottom, low-wedge shoe style, and vice versa. When in the stowed configuration, the heel pin **33** is pivoted upwards, towards the upper heel **31** and the lower heel **32** is positioned into the heel recess **20**, as shown in FIG. **6**. The locking mechanism **40** is connected to the lower heel **32** and is positioned adjacent to the upper heel **31**, such that the locking mechanism **40** binds the lower heel **32** to the upper heel **31** when the lower heel **32** is in the extended configuration. The lower heel **32** may vary in size and shape according to the various lengths, styles, and sizes of conventional high-heeled footwear.

In reference to FIG. **8** and FIG. **15-16**, the upper heel **31** comprises a pin cavity **312**, a pin cradle **313**, and a pin stop **314**. The pin cavity **312** is positioned adjacent to the heel recess **20** and forms an empty space in the upper heel **31** through which the heel pin **33** may traverse. The pin cradle **313** is an annular cavity that is positioned adjacent to the pin cavity **312**. The heel pin **33** comprises a support arm **331**, which is an annular extrusion that is positioned perpendicular to the main shaft of the heel pin **33**. The support arm **331** rests in the pin cradle **313** and allows the heel pin **33** to pivot about a single axis. It is possible for the pin cradle **313** or the support arm **331** to be ratcheted in order to regulate the rotation of the heel pin **33**. In the preferred embodiment of the present invention, the heel pin **33** is positioned through a top opening in the upper heel **31** and into the pin cradle **313**. The pin stop **314** is then positioned into the top opening, over the support arm **331**, while a pair of screws secure the pin stop **314** to the upper heel **31**. The pin stop **314** can also be secured to the upper heel **31** using an adhesive, snap fit connection, etc.

In further reference to FIG. **8** and FIG. **15-16**, the lower heel **32** comprises a pin channel **321** and a pin guide **322**. The pin channel **321** traverses along the lower heel **32**, down from the upper heel **31**, and is the empty space into which the heel pin **33** is positioned. The pin guide **322** directs the movement of the lower heel **32** about the heel pin **33** and is positioned within the lower heel **32**, adjacent to the pin channel **321**. The heel pin **33** further comprises a nub **332**; the support arm **331** and the nub **332** being positioned opposite each other along the heel pin **33**. The nub **332** slidably engages the pin guide **322** in order to limit the directional movement of the lower heel **32** along the heel pin **33**. In the preferred embodiment of the present invention, the pin guide **322** is a U-shaped track that allows the lower heel **32** to be slid downwards along the heel pin **33**, rotated one hundred eighty degrees, and then slid upwards along the heel pin **33**. Additionally, the lower heel **32** can be removed for maintenance or to be replaced by sliding the lower heel **32** downwards along the heel pin **33**, rotating the lower heel **32** ninety degrees, and then continuing to slide the lower heel **32** downwards along the heel pin **33**.

In reference to FIG. **8** and FIG. **15**, the lower heel **32** further comprises a lock recess **323** that is positioned adjacent to the upper heel **31**. The locking mechanism **40** comprises a release button **41**, a button retainer **43**, and a catch **42**. The release button **41** is positioned adjacent to the lock recess **323** and is hingedly connected to the lower heel **32**, such that the release button **41** can pivot about a single axis. The button retainer **43** is adjacently connected to the release button **41** and is positioned within the lock recess **323**. The button retainer **43** ensures that the release button **41** returns to the same position each time the release button **41** is pressed. In the preferred embodiment of the present invention, the button retainer **43** is a spring that acts on the release button **41** to provide a returning force. It is also possible for the button retainer **43** to be a magnet. If the button retainer **43** is a magnet, then a second magnet or a ferrous piece of metal is positioned within the upper heel **31** adjacent to the lock recess **323**, such that the button retainer **43** is attracted to the second magnet or the ferrous piece of metal.

In further reference to FIG. **8** and FIG. **15**, the catch **42** is adjacently connected to the release button **41**. The upper heel **31** further comprises a lock notch **311** that is positioned adjacent to the heel pin **33** opposite the arch platform **10**. The lock notch **311** is shaped to snuggly receive the catch **42**. When the lower heel **32** is in the extended configuration, the catch **42** engages the lock notch **311** in order to secure the lower heel **32** to the upper heel **31**. By pressing the lower half of the release button **41** into the lock recess **323**, the catch **42** is disengaged from the lock notch **311** and the lower heel **32** can be positioned into the stowed configuration.

In order to transition the lower heel **32** from the extended configuration to the stowed configuration, the locking mechanism **40** is first disengaged in order to release the lower heel **32** from the upper heel **31**. The lower heel **32** is then pulled downwards along the heel pin **33** until the nub **332** and pin guide **322** prevent the lower heel **32** from being slid any further, as shown in FIG. **3**. The lower heel **32** is then rotated one hundred eighty degrees about the heel pin **33** as the nub **332** continues to follow the pin guide **322**, as shown in FIG. **4**. Once rotated, the lower heel **32** is slid upwards along the heel pin **33** until the nub **332** and the pin guide **322** do not permit the lower heel **32** to slide any further along the heel pin **33**. The heel pin **33** is then rotated about the pin cradle **313** until the lower heel **32** is positioned within the heel recess **20**, as shown in FIG. **5-6**.

In an alternative embodiment of the present invention, the flat-to-heel convertible outsole further comprises a heel cover **50** that is adjacently connected to the arch platform **10**, as shown in FIG. **17**. The heel cover **50** is positioned adjacent to the heel recess **20**, such that the heel cover **50** encloses the lower heel **32** within the heel recess **20** when the lower heel **32** is in the stowed configuration. Ideally, the heel cover **50** comprises two semi-rigid flaps connected to the arch platform **10** on opposite sides of the heel recess **20**. The two flaps are flexible enough to permit passage of the lower heel **32** between the two flaps, yet rigid enough as to prevent small debris from entering the heel recess **20**. Alternatively, the heel cover **50** can be a single piece that is snap fit into place, a single retractable cover piece, a single rotatable cover piece, etc.

In another alternative embodiment of the present invention, the flat-to-heel convertible outsole further comprises a toe platform **60**, as shown in FIG. **18**. The toe platform **60** is hingedly connected to the arch platform **10** opposite the collapsible heel **30**, such that the user's toes may rest flat when the lower heel **32** is in the stowed configuration. The arch platform **10** further comprises a plurality of arch extrusions, while the toe platform **60** comprises a plurality of toe extrusions. The plurality of toe extrusions is offset from the plurality of arch extrusions, such that the plurality of toe extrusions and the plurality of arch extrusions alternate to form a hinge joint when the toe platform **60** is connected to the arch platform **10**. Alternatively, the toe platform **60** and the arch platform **10** may be seamlessly integrated together in order to form a single support structure with a flexible portion.

When formed into a complete shoe, an insole is positioned on the arch platform **10** and the upper heel **31** (and the toe platform **60** if included) opposite the outsole bottom surface **11**. An upper is then connected to the arch platform **10** and the upper heel **31** (and the toe platform **60** if included) around the insole. The flat-to-heel convertible outsole can be connected to the upper using any method of connection known in the art of shoe making.

While a traditional upper can be used with the present invention, a traditional upper is not ideal as a traditional upper is a single piece of material that will crease when the present invention transitions between shoe styles. In reference to FIG. **19**, ideally, an upper **70** that comprises a toe portion **71**, an arch portion **72**, a heel portion **73**, a pair of front connectors **74**, and a pair of rear connectors **75** is used with the present invention. The toe portion **71** and the heel portion **73** are positioned opposite each other along the arch portion **72**, and both overlap the arch portion **72**. The toe portion **71** is hingedly connected to the arch portion **72** by the pair of front connectors **74**, while the heel portion **73** is hingedly connected to the arch portion **72** by the pair of rear connectors **75**. In this way, there are not unwanted creases when the present invention transition between shoe styles. Preferably the pair of front connectors **74** and the pair of rear connectors **75** are elastic bands, however, other materials or mechanisms may be used.

Although the invention has been explained in relation to its preferred embodiment, it is to be understood that many other possible modifications and variations can be made without departing from the spirit and scope of the invention as hereinafter claimed.

What is claimed is:

1. A flat-to-heel convertible outsole comprising:
an arch platform having an outsole bottom surface and a heel recess;
a collapsible heel;
and a locking mechanism;
the collapsible heel comprising an upper heel, a lower heel, and a heel pin;
the upper heel being connected to the arch platform;
an upper portion of the heel pin being hingedly connected to the upper heel;
the lower heel being telescopically attached to a lower portion of the heel pin opposite the upper heel; the heel recess traversing through the outsole bottom surface into the arch platform and aligned with the collapsible heel, such that a portion of the collapsible heel is enclosed when folded into the heel recess in a stowed configuration;
the locking mechanism being connected to the lower heel and positioned adjacent to the upper heel, such that the locking mechanism binds the lower heel to the upper heel when the lower heel is in an extended configuration;
the upper heel comprising a pin cavity, a pin cradle, and a pin stop;
the pin cavity being positioned adjacent to the heel recess, forming an empty space in the upper heel through which the heel pin traverses;
the pin cradle being an annular cavity being positioned adjacent to the pin cavity;
the heel pin comprising a support arm; the support arm being an annular extrusion positioned perpendicular to a main shaft of the heel pin;
the support arm being positioned within the pin cradle, allowing the heel pin to pivot about a single axis;
the pin cradle or the support arm being ratcheted, regulating the rotation of the heel pin from the stowed configuration to the extended configuration or from the extended configuration to the stowed configuration;
the heel pin positioned within an opening in the upper heel;
the pin stop also positioned within the opening such that the pin stop covers the support arm of the heel pin;
the pin stop secured to the upper heel via screws, adhesive, or snap fit connection;
the lower heel comprising a pin channel and a pin guide;
the pin channel traversing along the lower heel;
the pin guide being positioned within the lower heel, adjacent to the pin channel;
the lower portion of the heel pin positioned within the pin channel and comprising a nub, such that the nub slidably engages the pin guide and limits movement of the lower heel along the heel pin; and
the pin guide comprising a U-shaped track, the track allowing the lower heel to slide downwards along the heel pin, rotate 180 degrees, and slide upwards along the heel pin.

2. The flat-to-heel convertible outsole as claimed in claim **1**, wherein:
the upper heel comprises a lock notch;
the locking mechanism comprises a release button and a catch;
the lock notch is positioned adjacent to the heel pin opposite the arch platform;
the catch is adjacently connected to the release button;
the release button is hingedly connected to the lower heel; and
the catch engages the lock notch, wherein the lower heel is locked in an extended position.

3. The flat-to-heel convertible outsole as claimed in claim **1**, wherein:
the lower heel comprises a lock recess;
the locking mechanism comprises a release button and a button retainer;
the lock recess is positioned adjacent to the upper heel;
the release button is hingedly connected to the lower heel;
the release button is positioned adjacent to the lock recess;
the button retainer is positioned within the lock recess; and
the button retainer is adjacently connected to the release button.

4. The flat-to heel convertible outsole as claimed in claim **1**, wherein:
the lower heel is positioned within the heel recess.

5. The flat-to heel convertible outsole as claimed in claim **1**, further comprising:
a heel cover;
the heel cover being connected to the arch platform; and
the heel cover being positioned adjacent to the heel recess.

6. The flat-to-heel convertible outsole as claimed in claim **1**, wherein: the support arm and the nub are positioned opposite each other along the heel pin.

7. The flat-to heel convertible outsole as claimed in claim **1**, further comprising:
a toe platform;
the toe platform being hingedly connected to the arch platform opposite the collapsible heel.

8. A flat-to-heel convertible outsole comprising:
an arch platform having an outsole bottom surface and a heel recess;
a collapsible heel;
and a locking mechanism;
the collapsible heel comprising an upper heel, a lower heel, and a heel pin;
the upper heel comprising a pin cavity, a pin cradle, and a pin stop;
the lower heel comprising a pin channel and a pin guide;
the heel pin comprising a support arm and a nub; the support arm being an annular extrusion positioned perpendicular to a main shaft of the heel pin; the support arm and the nub being positioned opposite each other along the heel pin;
the upper heel being connected to the arch platform;
an upper portion of the heel pin being hingedly connected to the upper heel;

the lower heel being telescopically attached to a lower portion of the heel pin opposite the upper heel;

the pin cavity being positioned adjacent to the heel recess, forming an empty space in the upper heel through which the heel pin traverses;

the pin cradle being an annular cavity being positioned adjacent to the pin cavity;

the support arm being positioned within the pin cradle, allowing the heel pin to pivot about a single axis;

the pin cradle or the support arm being ratcheted, regulating the rotation of the heel pin from the stowed configuration to the extended configuration or from the extended configuration to the stowed configuration;

the heel pin positioned within an opening in the upper heel;

the pin stop also positioned within the opening such that the pin stop covers the support arm of the heel pin;

the pin stop secured to the upper heel via screws, adhesive, or snap fit connection;

the pin channel traversing along the lower heel;

the pin guide being positioned within the lower heel, adjacent to the pin channel;

the lower portion of the heel pin positioned within the pin channel, such that the nub slidably engages the pin guide and limits movement of the lower heel along the heel pin;

the pin guide comprising a U-shaped track, the track allowing the lower heel to slide downwards along the heel pin, rotate 180 degrees, and slide upwards along the heel pin;

the locking mechanism being connected to the lower heel and positioned adjacent to the upper heel, such that the locking mechanism binds the lower heel to the upper heel when the lower heel is in an extended configuration; and

the heel recess traversing through the outsole bottom surface into the arch platform and aligned with the collapsible heel, such that a portion of the collapsible heel is enclosed when folded into the heel recess in a stowed configuration.

9. The flat-to heel convertible outsole as claimed in claim **8**, wherein:

the upper heel comprises a lock notch;

the locking mechanism comprises a release button and a catch;

the lock notch is positioned adjacent to the heel pin opposite the arch platform;

the catch is adjacently connected to the release button;

the release button is hingedly connected to the lower heel; and

the catch engages the lock notch, wherein the lower heel is locked in an extended position.

10. The flat-to heel convertible outsole as claimed in claim **8**, wherein:

the lower heel comprises a lock recess;

the locking mechanism comprises a release button and a button retainer;

the lock recess is positioned adjacent to the upper heel;

the release button is hingedly connected to the lower heel;

the release button is positioned adjacent to the lock recess;

the button retainer is positioned within the lock recess; and

the button retainer is adjacently connected to the release button.

11. The flat-to heel convertible outsole as claimed in claim **8**, wherein:

the lower heel is positioned within the heel recess.

12. The flat-to heel convertible outsole as claimed in claim **8**, further comprising:

a heel cover;

the heel cover being connected to the arch platform; and

the heel cover being positioned adjacent to the heel recess.

13. The flat-to heel convertible outsole as claimed in claim **8**, further comprising:

a toe platform;

the toe platform being hingedly connected to the arch platform opposite the collapsible heel.

14. A flat-to-heel convertible outsole comprising:

an arch platform having an outsole bottom surface and a heel recess;

a collapsible heel; the collapsible heel comprising an upper heel, a lower heel, and a heel pin;

and a locking mechanism; the locking mechanism comprising a release button and a button retainer;

the upper heel comprising a pin cavity, a pin cradle, and a pin stop;

the lower heel comprising a pin channel, a pin guide, and a lock recess;

the heel pin comprising a support arm and a nub; the support arm being an annular extrusion positioned perpendicular to a main shaft of the heel pin; the support arm and the nub being positioned opposite each other along the heel pin;

the heel recess traversing through the outsole bottom surface into the arch platform and aligned with the collapsible heel, such that a portion of the collapsible heel is enclosed when folded into the heel recess in a stowed configuration;

the upper heel being connected to the arch platform and positioned adjacent the heel recess;

an upper portion of the heel pin being hingedly connected to the upper heel;

the pin cavity being positioned adjacent to the heel recess, forming an empty space in the upper heel through which the heel pin traverses;

the pin cradle being an annular cavity being positioned adjacent to the pin cavity;

the support arm being positioned within the pin cradle, allowing the heel pin to pivot about a single axis;

the pin cradle or the support arm being ratcheted, regulating the rotation of the heel pin from the stowed configuration to the extended configuration or from the extended configuration to the stowed configuration;

the heel pin positioned within an opening in the upper heel;

the pin stop also positioned within the opening such that the pin stop covers the support arm of the heel pin;

the pin stop secured to the upper heel via screws, adhesive, or snap fit connection;

the lower heel being telescopically attached to a lower portion of the heel pin opposite the upper heel;

the pin channel traversing along the lower heel;

the pin guide being positioned within the lower heel, adjacent to the pin channel;

the lower portion of the heel pin positioned within the pin channel, such that the nub slidably engages the pin guide and limits movement of the lower heel along the heel pin;

the pin guide comprising a U-shaped track, the track allowing the lower heel to slide downwards along the heel pin, rotate 180 degrees, and slide upwards along the heel pin;

the locking mechanism being connected to the lower heel and positioned adjacent to the upper heel, such that the locking mechanism binds the lower heel to the upper heel when the lower heel is in an extended configuration;

the release button being hingedly connected to the lower heel and positioned adjacent the lock recess; and

the button retainer being positioned within the lock recess and adjacently connected to the release button.

15. The flat-to heel convertible outsole as claimed in claim **14**, wherein:

the upper heel comprises a lock notch;

the locking mechanism comprises a catch;

the lock notch is positioned adjacent to the heel pin opposite the arch platform;

the catch is adjacently connected to the release button;

the release button is hingedly connected to the lower heel; and

the catch engages the lock notch, wherein the lower heel is locked in an extended position.

16. The flat-to heel convertible outsole as claimed in claim **14**, wherein:

the lower heel is positioned within the heel recess.

17. The flat-to heel convertible outsole as claimed in claim **14**, further comprising:

a heel cover;

the heel cover being connected to the arch platform; and

the heel cover being positioned adjacent to the heel recess.

18. The flat-to heel convertible outsole as claimed in claim **14**, further comprising:

a toe platform;

the toe platform being hingedly connected to the arch platform opposite the collapsible heel.

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